

## CLAIMS

1. A microscope image processing system comprising:

an integrative photographing unit that integratively photographs each sample holding portion of a sample holder at a predetermined

5 magnification with a microscope;

a thumbnail displaying unit that displays image files photographed by said integrative photographing unit as thumbnails;

an individual photographing information designating unit that designates individual photographing information concerning locations and magnifications of samples that a user wishes to photograph, said information corresponding to said image files that said user selects from said image files displayed on said thumbnail displaying unit; and

10 an individual photographing unit that photographs each part within said sample holding portion in accordance with said locations and magnifications designated by said individual photographing information.

2. The microscope image processing system according to claim 1, wherein

20 said individual photographing information designating unit displays on a monitor an individual photographing information designating screen for allowing said user to designate said individual photographing information, and creates said individual photographing information from coordinate information and magnification information that said user designates on said individual photographing information

25

designating screen via an input device.

3. The microscope image processing system according to claim 1 or 2, wherein

5        said individual photographing information designating unit automatically determines any one or both of said coordinate information and magnification information for photographing by an image processing procedure and thereby creates said individual photographing information.

10

4. A microscope image processing method comprising:  
an integrative photographing step of integratively photographing each sample holding portion of a sample holder at a predetermined magnification with a microscope;

15        a thumbnail displaying step of displaying image files photographed in said integrative photographing step as thumbnails;

an individual photographing information designating step of designating individual photographing information concerning locations and magnifications of samples that a user wishes to photograph, said  
20 information corresponding to said image files that said user selects from said image files displayed in said thumbnail displaying step; and

an individual photographing step of photographing each part within said sample holding portion in accordance with said locations and magnifications designated by said individual photographing  
25 information.

5. The microscope image processing method according to claim 4, wherein

said individual photographing information designating step  
5 displays on a monitor an individual photographing information  
designating screen for allowing said user to designate said individual  
photographing information, and creates said individual photographing  
information from coordinate information and magnification information  
that said user designates on said individual photographing information  
10 designating screen via an input device.

6. The microscope image processing method according to claim 4  
or 5, wherein

said individual photographing information designating step  
15 automatically determines any one or both of said coordinate information  
and magnification information for photographing by an image  
processing procedure and thereby creates said individual  
photographing information.

20 7. A program comprising:

an integrative photographing step of integratively photographing  
each sample holding portion of a sample holder at a predetermined  
magnification with a microscope;

a thumbnail displaying step of displaying image files  
25 photographed in said integrative photographing step as thumbnails;

an individual photographing information designating step of designating individual photographing information concerning locations and magnifications of samples that a user wishes to photograph, said information corresponding to said image files that said user selects from  
5 said image files displayed in said thumbnail displaying step; and

an individual photographing step of photographing each part within said sample holding portion in accordance with said locations and magnifications designated by said individual photographing information.

10

8. The program according to claim 7, wherein

said individual photographing information designating step displays on a monitor an individual photographing information designating screen for allowing said user to designate said individual  
15 photographing information, and creates said individual photographing information from coordinate information and magnification information that said user designates on said individual photographing information designating screen via an input device.

20

9. The program according to claim 7 or 8, wherein

said individual photographing information designating step automatically determines any one or both of said coordinate information and magnification information for photographing by an image processing procedure and thereby creates said individual

25

photographing information.

10. The computer readable recording medium that records a program according to any one of claims 7 to 9.